



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5442

<b>SERIAL NUMBER</b> 09/682,782	<b>FILING DATE</b> 10/18/2001 <b>RULE</b>	<b>CLASS</b> 315	<b>GROUP ART UNIT</b> 2817	<b>ATTORNEY DOCKET NO.</b> GEMS0123PUS	
<b>APPLICANTS</b> Thomas D. Schaefer, Milwaukee, WI; Lloyd Wang, Brookfield, WI; Gregory Steinlage, Milwaukee, WI; Earl Warden, Delafield, WI;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 11/14/2001					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance		<b>STATE OR COUNTRY</b> WI	<b>SHEETS DRAWING</b> 3	<b>TOTAL CLAIMS</b> 17	<b>INDEPENDENT CLAIMS</b> 4
Verified and Acknowledged Examiner's Signature _____ Initials _____					
<b>ADDRESS</b> 27256					
<b>TITLE</b> Filament circuit resistance adjusting apparatus technical field					
<b>FILING FEE RECEIVED</b> 824	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		